

174542

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 3/15/2004 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 272-2511.

Date 12/14/05 Serial # 10/928437 Priority Application Date 12/5/03

Your Name M. Lewis Examiner # _____

AU 9899 Phone 272-4538 Room 5880

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search, please prioritize in order of need.

The EIC searcher normally will contact you before beginning a prior art search. If you would like to sit with a searcher for an interactive search, please notify one of the searchers.

12-19-05 10:03 IN

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other: _____

What relevant art have you found so far? Please attach pertinent citations or Information Disclosure Statements. _____

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature _____ Other _____
Secondary Refs ☒ Foreign Patents _____
Teaching Refs _____

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 1-18

Problem: See paragraphs 2-4
Solution: "abstract"

2005/027519

CMOS/Memom

Decrease pitch to provide more substrate area

Staff Use Only

Searcher: 3026 [signature]
Searcher Phone: 22541

Type of Search

Structure (#) _____
Bibliographic ☒

Vendors

STN _____
Dialog ☒

Searcher Location: STIC-EIC2800, JEF-4B68

Litigation _____

Questel/Orbit _____

Date Searcher Picked Up: 12-23-05

Fulltext _____

Lexis-Nexis _____

Date Completed: 12-23-05

Patent Family _____

WWW/Internet _____

Searcher Prep/Rev Time: 40

Other _____

Other _____

Online Time: 240

Set	Items	Description
S1	79	S AU= (CLEEVES J? OR CLEEVES, J? OR SCHEURELEIN R? OR SCHEURELEIN, R?)
S2	2404561	S MEMORY OR MEMORIES OR CMOS OR COMPLEMENTARY()METAL()OXIDE()SEMICONDUCTOR OR METAL()OXIDE?
S3	7270100	S SEMICONDUCTOR? OR SEMI()CONDUCTOR? OR SUBSTRATE? OR WAFER? OR IC? ? OR INTEGRATED()CIRCUIT?
S4	3508485	S DRIVING OR DRIVER? ? OR DRIVE? ?
S5	12433	S PARALLEL(3N)RAILS OR FAN()OUT
S6	362733	S PITCH?
S7	18070367	S TIGHT OR DECREAS? OR DECLIN? OR REDUC???? OR DIMINISH? OR LESSEN? OR SMALL????
S8	18543	S S6(3N)S7
S9	4	S S1 AND S8
S10	4	RD (unique items)
S11	4	S S1 AND S6 AND S3
S12	0	S S11 NOT S10
S13	515	S S8 AND S2 AND S3
S14	80	S S13 AND PD<=20031205
S15	55	RD (unique items)
S16	15281	S S6(2N)S7
S17	3140	S S16 AND S3
S18	2674	S S17 AND PY<=2003
S19	173533	S S4(2N)CIRCUIT?
S20	297	S S5(2N)(REGION? OR AREA OR SECTION? OR SEGMENT? OR PART????)
S21	48	S S18 AND (S19 OR S20)
S22	47	RD (unique items)
S23	0	S S18 AND S19 AND S20
S24	47	S S21 NOT (S15 OR S9)

? show files

[File 2] **INSPEC** 1898-2006/Dec W3

(c) 2006 Institution of Electrical Engineers. All rights reserved.

**File 2: Archive data back to 1898 has been added to File 2.*

[File 6] **NTIS** 1964-2006/Jan W1

(c) 2006 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 8] **Ei Compendex(R)** 1970-2006/Jan W1

(c) 2006 Elsevier Eng. Info. Inc. All rights reserved.

[File 25] **Weldasearch-19662005/Dec** (c) 2005 TWI Ltd

. All rights reserved.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2006/Jan W1

(c) 2006 Inst for Sci Info. All rights reserved.

[File 36] **MetalBase** 1965-20060109

(c) 2006 The Dialog Corporation. All rights reserved.

[File 65] **Inside Conferences** 1993-2006/Jan W2

(c) 2006 BLDSC all rts. reserv. All rights reserved.

[File 92] **IHS Intl.Stds.& Specs.** 1999/Nov

(c) 1999 Information Handling Services. All rights reserved.

[File 94] **JICST-EPlus** 1985-2006/Oct W5

(c) 2006 Japan Science and Tech Corp(JST). All rights reserved.

[File 95] **TEME-Technology & Management** 1989-2006/Jan W2

(c) 2006 FIZ TECHNIK. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2005/Nov

(c) 2006 The HW Wilson Co. All rights reserved.

[File 103] **Energy SciTec** 1974-2006/Nov B2

(c) 2006 Contains copyrighted material. All rights reserved.

**File 103: For access restrictions see Help Restrict.*

[File 104] **AeroBase** 1999-2005/Nov

(c) 2005 Contains copyrighted material. All rights reserved.

[File 144] **Pascal** 1973-2006/Dec W3

(c) 2006 INIST/CNRS. All rights reserved.

[File 239] **Mathsci** 1940-2005/Feb

(c) 2005 American Mathematical Society. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec

(c) 1998 Inst for Sci Info. All rights reserved.

[File 647] **CMP Computer Fulltext** 1988-2006/Jan W3

(c) 2006 CMP Media, LLC. All rights reserved.

[File 315] **ChemEng & Biotec Abs** 1970-2005/Dec

(c) 2005 DECHEMA. All rights reserved.

[File 347] **JAPIO** Nov 1976-2005/Aug(Updated 051205)

(c) 2005 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX** 1963-2006/UD,UM &UP=200602

(c) 2006 Thomson Derwent. All rights reserved.

**File 350: For more current information, include File 331 in your search. Enter HELP NEWS 331 for details.*

[File 31] **World Surface Coatings Abs** 1976-2005/Dec

(c) 2005 PRA Coat. Tech. Cen. All rights reserved.

[File 248] **PIRA** 1975-2006/Dec W3

(c) 2006 Pira International. All rights reserved.

[File 23] **CSA Technology Research Database** 1963-2005/Dec

(c) 2005 CSA. All rights reserved.

[File 46] **Corrosion Abstracts 1966-2005/Dec**

(c) 2005 CSA. All rights reserved.

[File 68] **Solid State & Superconductivity Abstracts 1966-2005/Dec**

(c) 2005 CSA. All rights reserved.

[File 60] **ANTE: Abstracts in New Tech & ENGINEER 1966-2005/NOV**

(c) 2005 CSA. All rights reserved.

[File 33] **Aluminium Industry Abstracts 1966-2005/Dec**

(c) 2005 CSA. All rights reserved.

[File 335] **Ceramic Abstracts/World Ceramics Abstracts 1966-2005/Dec**

(c) 2005 CSA. All rights reserved.

[File 294] **ONTAP(R) SciSearch(R) Cited Ref Science**

(c) 1991 Inst for Sci Info. All rights reserved.

[File 954] **Ei EnCompassLit(TM) 1965-2006/Jan W2**

(c) 2006 Elsevier Eng. Info. Inc. All rights reserved.

**File 954: For disclaimer, type HELP NEWS 954. Alert feature enhanced for multiple files, etc. See HELP ALERT.*

[File 953] **Ei EnCompassPat(TM) 1964-200601**

(c) 2006 Elsevier Eng. Info. Inc. All rights reserved.

**File 953: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.*

File Segment: CPI; EPI; EngPI

Manual Codes (CPI/A-N): G06-D06; G06-G; G06-G18; L04-C06B

Manual Codes (EPI/S-X): U11-C04E1